

# Civil Engineering

1966 INDEX

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Plastic Cable Covering Introduced on California Suspension Bridge, Jackson L. Durkee and George B. Shaw, Jr., CE:Feb 66:63

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Poorly Composed Specifications Cost Money, C. Vaughn Rotz, CE:Jan 66:63  
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Canada--Manitoba to build Kettle Rapids Dam, CE:May 66:91

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India--Sabarigiri Hydroelectric Project under construction, CE:Dec 66:83

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Thailand--USBR team plans water project on Mekong River, CE:Sept 66:101

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Venezuela--Consulting engineers chosen for Venezuelan Water Project, CE:June 66:100

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Pennsylvania--Giant girder for generating station, CE:May 66:96

Steel Bridge Girders with Prestressed Composite Tension Flanges, Homer M. Hadley, CE:May 66:70

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Navy needs construction men in Seabees, CE:July 66:87

Office of Solid Wastes established in Public Health Service, CE:Mar 66:104

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The U.S. Air Force Conserves Natural Resources, Robert H. Curtin, CE:May 66:43

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International banks invest over \$2 billion in world highways, CE:July 66:85

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Peru-World Bank grant for Trans-Andean Highways, CE:Jan 66:94

Plan for Darien Gap in Pan-American road, CE:Oct 66:93

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France--Rance River tidal dam finished, CE:May 66:91

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Pennsylvania--Philadelphia dedicates new incinerator plant, CE:Sept 66:100

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New York--U.S. Customs Court and Federal Office building under construction, CE:Aug 66:96  
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American Meteorological Society and Irrigation and Drainage Division co-sponsor Weather Modification Meeting, Denver, Colo., Jan 24-27, CE:Jan 66:80; report, Apr 66:72  
American Road Builders Association annual convention, Denver, Feb 20-23, CE:Apr 66:78



American Society of Agricultural Engineers and ASCE co-sponsor conference on drainage, CE: Feb 66:78

ASCE participates in Pacific Northwest Council Annual Convention, Anchorage, Alaska, June 23-26, CE:Apr 66:87

ASCE participates in National Transportation Symposium in conjunction with the Ninth Joint Railroad Conference, CE:Aug 66:40

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Congress of the International Association for Shell Structures met in Leningrad, Russia, Sept. 1966, CE:Nov 66:99

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Fifth EUSEC Education Conference held in Copenhagen, Sept 12-15, CE:Nov 66:79

Highway Research Board's annual meeting, Jan 17-21, Wash. D.C., CE:Feb 66:88

International Conference of Engineering Societies, a world engineering federation adopted at UPADI meeting, CE:Dec 66:41

Mole awards for 1967 go to two contractors, CE:Dec 66:84

National conference on solid wastes management, Univ. of Calif., April 4-5, CE:Mar 66:105

National Society of Professional Engineers holds annual meeting in Minneapolis, CE:Oct 66:93

New names for sanitary engineering groups, CE:Aug 66:79

Pacific Northwest Council Annual Convention, Anchorage, Alaska, June 23-26, CE:Apr 66:87

Portland Cement Association announces personnel changes, CE:Feb 66:90

Portland Cement Association 50th Anniversary Symposium, CE:Mar 66:32

Dsc, H.N. Huntzicker and George E. Warren, CE:May 66:76

Prestressed Concrete Institute, Annual Conference, Miami Beach, Dec 1965, CE:Jan 66:92

Producers' Council annual meeting on public needs in building products, CE:Nov 66:100

Public works engineers hold annual congress in Chicago, CE:Oct 66:88

Reinforced Concrete Research Council meets in Chicago, CE:Jan 66:76

Skyscraper annex proposed for United Nations, CE:Nov 66:99

Third Southeastern conference on Theoretical and Applied Mechanics, Univ. of South Carolina, Mar. 31 and Apr. 1, CE:Mar 66:107

United Nations Bibliography on water available, CE:Feb 66:92

World Power Conference elects new officers, CE:Apr 66:72

World Power Conference, Tokyo, Oct 16-20, CE:June 66:55

ORTHOTROPIC BRIDGES

California--Orthotropic span to join San Diego and Coronado, CE:July 66:88

California--San Mateo-Hayward Bridge to be longest orthotropic span, CE:May 66:91

Canada--Bridge over St. Lawrence to St. Helen's Island to be part of Expo 67, CE:Aug 66:95

St. Louis' Poplar Street Bridge--Design and Fabrication, E.J. Shields, CE:Feb 66:52

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Small Parking Garages for Huge Los Angeles International Airport, Grant S. Anderson, CE:Aug 66:43

Tie-Backs in Soil Open Building Area for Unobstructed Deep Excavation, Weldon S. Booth, CE:Sept 66:46

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Asphalt and Scenery on New York State's Northway, CE:Aug 66:46

Expansive Cements for Crack-Resistant Concretes, James F. Simms, CE:June 66:46

Dsc, Herbert M. Stoll, CE:Nov 66:78;

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Roadway of George Washington Bridge and Lincoln Tunnel North Tube to be rehabilitated, CE:Mar 66:105

Slip-Forming Thick Concrete for the Sacramento Airport, Reinard W. Brandley with W. H. Jervis, CE:Aug 66:58

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Big Piles for a Deep Lake Crossing, Robert Younger, CE:Nov 66:58

La Guardia Runways Extended over Water, Arne Lier with Eugene Fasullo, CE:Aug 66:32

Offshore Tanker Terminal in Greece, D.L. Poppy, CE:Mar 66:59

#### PIPELINES

Pipeline Corrosion Stopped by Zinc Anodes, T.M. Heitman, CE:Oct 66:50

#### PIPES

An Explicit Friction-Factor Relationship, Don J. Wood, CE:Dec 66:60

Asbestos-Cement Pipe for a Tower, Yen H. Dong, CE:Oct 66:46

Big Piles for a Deep Lake Crossing, Robert Younger, CE:Nov 66:58

#### PLANNING

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California--Feasibility study of second deck for Golden Gate Bridge, CE:Feb 66:90

Civil Engineering in Perspective, George M. Sicular, CE:May 66:73

Dsc, Melvin E. Amstutz, CE:June 66:79, on planners who have no knowledge of planning

Efficient Earth Moving--Job Layout and Supervision, Raymond C. Gessel, CE:Apr 66:44

Short-haul transportation to be studied for NASA by Boeing Co., CE:Oct 66:89

#### PLASTICS

Fiberglass-Reinforced Plastics as Materials for Construction, Richard E. Chambers, CE:June 66:62

Plastic Cable Covering Introduced on California Suspension Bridge, Jackson L. Durkee and George B. Shaw, Jr., CE:Feb 66:63

#### PLATES (Structural Members)

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#### PLYWOOD

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#### POWER

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The Pacific Northwest-Pacific Southwest Intertie, E. V. Lindseth, CE:Dec 66:46

World Power Conference elects new officers, CE:Apr 66:72

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#### POWER PLANTS

Alaska--Rampart Canyon Dam studied by Army Corps of Engineers, CE:Apr 66:79

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Consulting engineers chosen for nuclear power plant in Omaha, Neb., CE:Sept 66:98

Electric complex to be developed in Southwest, CE:June 66:99

General Electric stops turnkey contracting for commercial nuclear power plants, CE:Aug 66:97

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Montana--First power produced at Yellowtail Dam, CE:Sept 66:100

Pennsylvania--Giant girder for generating station, CE:May 66:96

Perspective on Water Desalting, Milton S. Sachs, CE:Nov 66:66

Tennessee Valley's Authority's Bull Run steam station has world's largest power unit, CE:Aug 66:97

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Cascade Orchards Bridge--a Partially Prestressed Continuous Three-Span Bridge, Arvid Grant, CE:Aug 66:62

Cast-in-Place Concrete Connects Precast Members, S. A. Erech, CE:Mar 66:64

La Guardia Runways Extended over Water, Arne Lier with Eugene Fasullo, CE:Aug 66:32

Load-Bearing Walls of Precast Concrete for Multi-Story Buildings, Morton H. Eligator, CE:Sept 66:62

Prestressed Concrete Institute honors 15 precast and prestressed concrete projects, CE:Sept 66:100

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International practice code for prestressed concrete recommended, CE:Oct 66:93

La Guardia Runways Extended over Water, Arne Lier with Eugene Fasullo, CE:Aug 66:32

Minnesota--One mile of highway to be prestressed, CE:Feb 66:92

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For the Civil Engineer--A Leadership Challenge, C.R. Ownbey, CE:Nov 66:75

Guide to Professional Collaboration in Environmental Design, CE:July 66:72

Research or Practice--Which Way to Go? (The Younger Viewpoint) Joel I. Abrams and John B. Scalzi, CE:June 66:34

White House Fellowship--A Year at the Top, Richard de Neufville, CE:Oct 66:44

Your Place in Your Local Section, William H. Wisely, CE:Dec 66:27

#### PROFESSIONAL ADVANCEMENT

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Computer Selection: A New Role for the Civil Engineer, M.D. Sinkoff, CE:Jan 66:58

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Dsc, John V. Wilson, CE:Oct 66:87

Editorial discussion on Engineers Council for Professional Development, CE:Oct 66:83

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EJC offers packaged courses, CE:Dec 66:41

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Environmental Engineering Intersociety Board exam to be held June 19, 1967, CE:Dec 66:72  
 Is the Engineering Profession Saying What It Means? (The Younger Viewpoint) Frank Schneller, CE:Jan 66:81  
 Professional Schools Granting Professional Degrees Needed, CE:July 66:61  
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 Recognition as a Profession (The Younger Viewpoint) Joseph Gerit, CE:Feb 66:86

#### PROGRAMS (Computers)

Computer-Aided Land Surveying, J.H. Millett, J.W. King and H.J. Ridinger, CE:Oct 66:58  
 HYDRO, a Computer Language for Water Resources Engineering, George Bugliarello, et al, CE:Nov 66:69

#### PROTECTIVE COATINGS

Epoxy Replaces Steel Armor at Discharge Control Gates, John C. Rowland, CE:July 66:64  
 Fire Protection of Structural Steel Framing, Roger H. Wildt, CE:Sept 66:70  
 Plastic Cable Covering Introduced on California Suspension Bridge, Jackson L. Durkee and George B. Shaw, Jr., CE:Feb 66:63

#### PUBLICATIONS

ASCE--ACI joint volume "Symposium on Reinforced Concrete Columns," available, CE:Oct 66:80

"Bibliography on Filing, Classification and Indexing Systems, and Thesauri for Engineering Offices and Libraries" available from Engineering Societies Library, CE:Sept 66:53  
 "Column Research Council Guide to Design Criteria for Metal Compression Members," revised edition, available, CE:Sept 66:88  
 "Design of Foundations for Control of Settlements" 1964 conference papers available, CE:Nov 66:81

Engineering Joint Council publishes symposium on technical information, CE:May 66:80

Engineers Joint Council issues second edition of manual on selective service, CE:Aug 66:82  
 Moments, Shears and Reactions for Continuous Highway Bridges, revised edition, available from American Institute of Steel Construction, CE:Sept 66:101

New ASCE Directory available to members, CE:Oct 66:83

New Directory of Engineering Societies available, CE:Apr 66:38

Opinions of the Board of Ethical Review, available from the National Society of Professional Engineers, CE:Jan 66:94

Proceedings of American Society of Agricultural Engineers Conference on drainage available, CE:Aug 66:42

Proceedings for 1966 Incinerator Conference sponsored by ASME available, CE:June 66:96  
 Proceedings of Lectures on Design and Construction of Earth Structures now available, CE:Dec 66:78

Reports Production--HNT&B Style, Patrick J. Schuler, CE:Oct 66:54

"Sewers for Growing America" by Morris M. Cohn now available, CE:Nov 66:98

"Suggested Building Code Provisions for Fall-out Shelters" available, CE:Aug 66:95

United Nations bibliography on water available, CE:Feb 66:92

U.S. Bureau of Reclamation summarizes its achievements in 1965, CE:July 66:88

Lyman Wilbur honored by Engineering News-Record, CE:Mar 66:106

#### PUBLIC HEALTH

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#### RADAR

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 Canada--Automated train for 1967 Montreal Fair, CE:Jan 66:95  
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 Hawaii--Transit study for Oahu planned, CE:Aug 66:96  
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#### REINFORCED CONCRETE

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 Reinforced Concrete Research Council meets in Chicago, CE:Jan 66:76

#### REINFORCEMENT

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